



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: 5649-1148

DATE: August 29, 2003



**UTILITY PATENT APPLICATION TRANSMITTAL LETTER  
AND FEE TRANSMITTAL FORM (37 CFR § 1.53(b))**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 CFR § 1.53(b) is:

- ☒ a patent application  
☐ a Continuation ☐ a Divisional ☐ a Continuation-in-Part (CIP) Application of prior application no.: \_\_\_\_\_; filed \_\_\_\_\_, the disclosure of which is incorporated herein by reference in its entirety.  
☐ and claims the benefit of Provisional Application No. \_\_\_\_\_; filed \_\_\_\_\_.

Inventor(s) or Application Identifier:

**Young-nam Hwang** – Republic of Korea;

**Se-ho Lee** – Republic of Korea

Entitled: **PHASE CHANGEABLE MEMORY CELLS AND METHODS OF FABRICATING THE SAME**

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Enclosed are:

1. ☒ Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2. ☒ **20** pages of Specification (including 36 claims)
3. ☒ **9** sheets of Formal Drawings (35 USC 113)
4. ☒ Oath or Declaration
  - a. ☒ newly executed (*original or copy*)
  - b. ☐ copy from prior application (37 CFR 1.63(d) (*for continuation/divisional*) [Note Box 6 Below]
  - c. ☐ **DELETION OF INVENTOR(S)** (*Signed statement deleting inventor(s) named in the prior application*)
5. ☐ Application Data Sheet. See 37 CFR 1.76
6. ☐ Incorporation By Reference (*useable if box 4b is checked*)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

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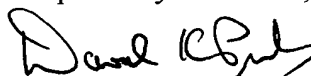
- ☐ Microfiche Computer Program (*Appendix*)
- ☒ Assignment papers (*cover sheet(s) and document(s)*)
- ☐ Applicant claims small entity status. See 37 CFR § 1.27.
- ☐ Information Disclosure Statement, PTO-1449, and \_\_\_\_\_ references cited
- ☐ Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)
- ☐ English Translation Document
- ☒ Certified Copy of Korean Application No. 10-2002-0067350; Filed November 1, 2002
- ☐ Sequence Listing/ Sequence Listing Diskette
- a. ☐ computer readable copy
- b. ☐ paper copy
- c. ☐ statement in support
- ☐ An Associate Power of Attorney
- ☒ Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
- ☐ Other:

The fee has been calculated as shown below:

	Column 1 No. Filed	Column 2 No. Extra	Small Entity Rate      Fee	Large Entity Rate      Fee
BASIC FEE			\$375.00	\$ 750.00
TOTAL CLAIMS	36 - 20 =	16	x 09 = \$	x 18 = \$ 288
INDEP CLAIMS	6 - 3 =	3	x 42 = \$	x 84 = \$252
<input type="checkbox"/> MULTIPLE Dependent Claims Presented			+ 140 = \$	+ 280 = \$
<i>If the difference in Col. 1 is less than zero, Enter "0" in Col. 2</i>			Total \$	Total \$1290

- ☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ A check in the amount of **\$1290** is enclosed to cover the filing fee, PLUS a check in the amount of **\$40** is enclosed to cover the Assignment Recordation fee.
- ☐ Please charge my Deposit Account No. 50-0220 in the amount of \$ \_\_\_\_\_.
- ☒ The Commissioner is hereby authorized to credit overpayments or charge the following fees associated with this communication to Deposit Account No. 50-0220:
- a. ☒ Additional filing fees under 37 CFR 1.16 for presentation of extra claims.
- b. ☒ Additional patent application processing fees under 37 CFR 1.17.

Respectfully submitted,



David K. Purk

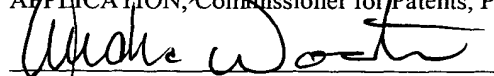
Registration No. 40,133

**CERTIFICATE OF EXPRESS MAILING**

Express Mail Label No.: EV 353596676 US

Date of Deposit: August 29, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

  
Audra Wooten